

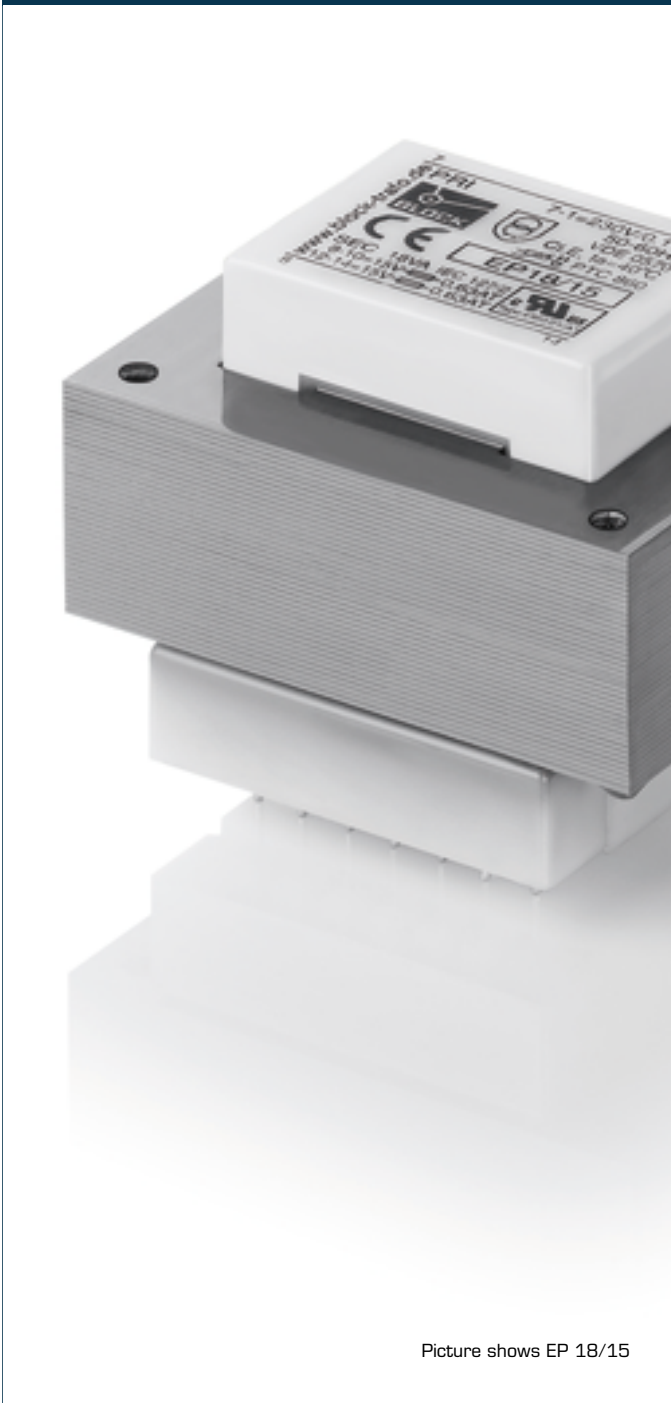


Automatización Eléctrica

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Safety isolating transformer EP 4,5/12



Picture shows EP 18/15

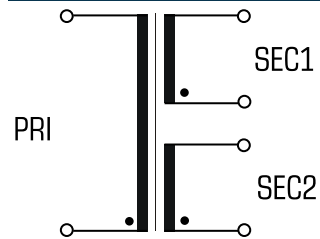
Advantages

- Minimum size at high output
- Double output voltage for series or parallel connection
- Very good moisture protection and low noise thanks to BLOCKIMPEX vacuum impregnation
- Encapsulated safety coil bodies in 2-chamber technology
- Contact protected on the circuit board thanks to covered solder pin strips
- Stable connection technology with injected round wire soldering pins
- Additional mounting option with holes in the core

Applications

Safety isolating transformer for the safe electrical isolation of the input and output sides. The transformer is suitable for creating SELV and PELV circuits because of the limit on the output voltage.

Sample application



Standards



Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6

Approvals

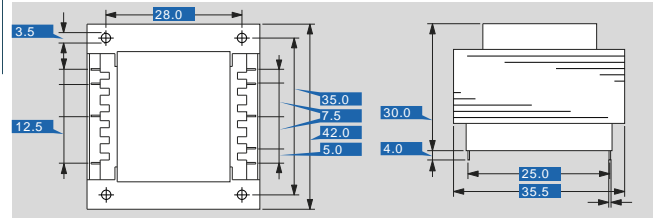


Safety isolating transformer

EP 4,5/12

Type		EP 4,5/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	4.5 VA
	No-load voltage (app. x factor)	1.51
	No-load loss (typ.)	1.90 W
	Efficiency	56 %
	Standards	
	Classification	Safety isolating transformer
	Environment	
	Ambient temperature max.	40 °C
	Safety and protection	
	Type	Open type
Class of Insulation System	E	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-short-circuit proof	
Overload protection	Typ PTC 890 (Accessory - available on request)	
Order numbers		
Order Number	EP 4,5/12	

Type		EP 4,5/12
Mechanical data	Terminal and mounting	
	Fixing method	Holes in the core package
	Terminals	Pins for PCB
	Measures and weights	
	Core type	EI 42/14,8
	Weight	0.16 kg



Subjects to change.



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button](#).

Product	Code	Reference	Product link
PCB transformer open type, PRI 230 Vac, SEC 2.5 - 35 VA, 2 x 6 - 2 x 8 Vac	EP4512	EP 4,5/12	Buy on EAN